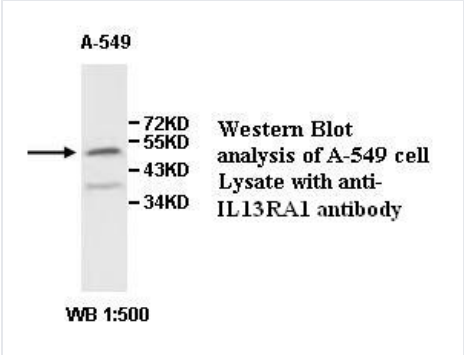
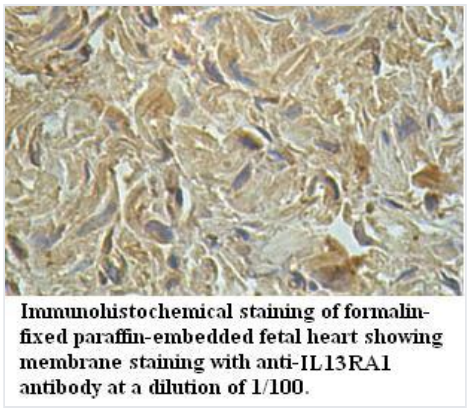
IL13RA1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IL13RA1, Polyclonal Antibody
Full Product Name	IL13RA1 Antibody
Product Gene Name	anti-IL13RA1 antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human Predicted: Mouse, Rat
Form/Format	Purified by protein affinity column containing 0.02% NaN3
Preparation and Storage	Already reconstituted in 200ul sterile H2O. The antibody is stable for at least one year when stored at-20 degree C after reconstitution. Avoid repeated freeze/defrost cycles
Molecular Weight	31,659 Da
OMIM	300119
3D Structure	ModBase 3D Structure for P78552
Product Categories/Family for anti-IL13RA1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-IL13RA1 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-IL13RA1 antibody	ELISA: 1:20,000-1:80,000 WB: 1:500-1:1,000 IHC: 1:100-1:500
Related Product Information for anti-IL13RA1 antibody	Rabbit polyclonal IL13RA1 (1) antibody was raised against a recombinate human IL13RA1 protein 70-304aa (BC015768).
Product References and Citations for anti-IL13RA1 antibody	(1) Martinez-Nunez, R.T., Louafi, F. and Sanchez-Elsner, T. The interleukin 13 (IL-13) pathway in human macrophages is modulated by microRNA-155 via direct targeting of interleukin 13 receptor alpha1 (IL13Ralpha1). J. Biol. Chem. 286 (3), 1786-1794 (2011).
Other Notes	Small volumes of anti-IL13RA1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for IL13RA1 purchase	MBS855111 is an antibody targeting IL13RA1. Also known as IL13RA1 Antibody. Reactive in Human Predicted: Mouse, Rat. Host: Rabbit.



Testing Data of anti-IL13RA1 antibody



Testing Data of anti-IL13RA1 antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL13RA1. It may not necessarily be applicable to this product.

NCBI GI #	4504647
NCBI GeneID	3597
NCBI Accession #	NP_001551.1
UniProt Primary Accession #	P78552
UniProt Secondary Accession #	O95646; Q5JSL4; Q99656; Q9UDY5
UniProt Related Accession #	P78552
GenBank Nucleotide #	NM_001560.2
NCBI Official Full Name	interleukin-13 receptor subunit alpha-1
NCBI Official Synonym Full Names	interleukin 13 receptor subunit alpha 1
NCBI Official Symbol	IL13RA1
NCBI Official Synonym Symbols	NR4; CT19; CD213A1; IL-13Ra
UniProt Protein Name	Interleukin-13 receptor subunit alpha-1
UniProt Synonym Protein Names	Cancer/testis antigen 19; CT19; CD_antigen: CD213a1
Protein Family	Interleukin-13 receptor
UniProt Gene Name	IL13RA1
UniProt Synonym Gene Names	IL13R; IL13RA; IL-13 receptor subunit alpha-1; IL-13R subunit alpha-1; IL-13R-alpha-1; IL-13RA1; CT19
NCBI Protein Information	interleukin-13 receptor subunit alpha-1
NCBI Summary for IL13RA1	The protein encoded by this gene is a subunit of the interleukin 13 receptor. This subunit forms a receptor complex with IL4 receptor alpha, a subunit shared by IL13 and IL4 receptors. This subunit serves as a primary IL13-binding subunit of the IL13 receptor, and may also be a component of IL4 receptors. This protein has been shown to bind tyrosine kinase TYK2, and thus may mediate the signaling processes that lead to the activation of JAK1, STAT3 and STAT6 induced by IL13 and IL4. [provided by RefSeq, Jul 2008]
UniProt Comments for IL13RA1	Binds with low affinity to interleukin-13 (IL13). Together with IL4RA can form a functional receptor for IL13. Also serves as an alternate accessory protein to the common cytokine receptor gamma chain for interleukin-4 (IL4) signaling, but cannot replace the function of IL2RG in allowing enhanced interleukin-2 (IL2) binding activity.
Research Articles on IL13RA1	**1.** in humans and mice indicate, for the first time, a role of interleukin-13 receptor alpha1 in myocardial homeostasis and heart failure and suggests a new therapeutic target to treat heart disease.

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